

CLAIMS

1. A cutting head for a brush cutter, edge trimmer or similar, of the type comprising a plurality 5 of string outlets (115) for a plurality of cutting strings (300), characterized in that the axes of the cutting string outlets are distributed in at least two planes (Pac, Pcb) mutually spaced by a distance (H2) greater than or equal to approximately 1.8 times the 10 height (H1) of each string, in that in each plane the respective string outlets are at the same level, and in that in all planes the direction of rotation of the head is the same.

15 2. A cutting head according to Claim 1, characterized in that the at least two planes (Pac, Pcb) are mutually spaced by a distance (H2) less than or equal to approximately 5 times the height (H1) of each string.

20

3. A cutting head according to one of Claims 1 and 2, characterized in that in the peripheral direction of the head, the strings (300) exiting in a first plane (Pac) are alternated with the strings 25 exiting in a second plane (Pcb) adjacent to the first.

4. A cutting head according to Claim 3, characterized in that in the peripheral direction of the head, the strings (300) exit the head in a 30 regularly distributed manner.

5. A cutting head according to Claim 4, characterized in that two strings (300) are provided

5 exiting in a first plane (Pac) in diametrically opposed regions, and two strings exiting in a second plane (Pcb) adjacent to the first, in diametrically opposed regions also, and in that the string outlets (115) are distributed approximately every 90° in the peripheral direction.

10 6. A cutting head according to one of Claims 1 to 5, characterized in that each string (300) has a ridge, and in that the head comprises means (115, 120) for maintaining each string in an orientation such that its cutting ridge is in a position to lead the attack on the plants.

15 7. A cutting head according to Claim 6, characterized in that each string (300) has a substantially square section and is oriented with two opposite ridges situated substantially in the plane (Pac; Pcb) containing the axis of the corresponding 20 string outlet (115).

25 8. A cutting head according to one of Claims 1 to 7, characterized in that the head is implemented by assembling parts (110) of general disc shape defining string semi-channels (120) opposite one another and suitable for together forming string channels concealed in the head.

30 9. A cutting head according to Claim 8, characterized in that the spacing (H2) between the planes (Pac, Pcb) of the string outlets is defined by the thickness of an intermediate part (110c) comprising on one face semi-channels for the strings of an upper

- 21 -

plane and on an opposite face semi-channels for the strings of a lower plane.

10. A vegetation cutting device such as a brush cutter, edge trimmer or similar, characterized in that it comprises a motor suitable for driving in rotation a cutting head (100) according to one of Claims 1 to 9.